

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/16 A61K31/167 A61K45/06 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/170307 A1 (ROYER GARFIELD P) 11 September 2003 (2003-09-11) cited in the application page 1, paragraph 8 - paragraph 10 page 1, paragraph 16 page 2, paragraph 20 examples 11,12,15,16 -----	1-72
X	US 6 497 901 B1 (ROYER GARFIELD P) 24 December 2002 (2002-12-24) column 1, line 8 - line 10 column 1, line 66 - column 2, line 5 column 2, line 37 - line 42 column 2, line 55 - line 60 column 3, line 5 - line 40 column 3, line 59 - line 67 table 1 examples 3,6,9 ----- -/-	1-72

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 January 2005

Date of mailing of the international search report

03/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 164 186 A (TSURU ET AL) 17 November 1992 (1992-11-17) page 1, line 8 - page 2, line 31 -----	1-72
Y	EP 0 947 489 A1 (KABUSHIKI KAISYA ADVANCE) 6 October 1999 (1999-10-06) column 3, paragraph 15 column 4, paragraph 21 - column 5, paragraph 23 column 5, paragraph 29 -----	1-72
Y	EP 0 192 068 A1 (THE DOW CHEMICAL COMPANY) 27 August 1986 (1986-08-27) page 8, line 16 - line 31 -----	1-72
Y	US 2003/082232 A1 (LEE D. DUKE ET AL) 1 May 2003 (2003-05-01) page 3, paragraph 25 page 4, paragraph 40 - page 5, paragraph 41 -----	1-72
Y	EP 0 061 108 A1 (MUNDIPHARMA GMBH) 29 September 1982 (1982-09-29) page 3, line 4 - line 10 page 7, line 4 - line 11 -----	1-72
A	US 6 030 636 A (RANDOLPH ET AL) 29 February 2000 (2000-02-29) column 2, line 43 - column 3, line 21 column 3, line 64 - line 67 column 4, line 25 - line 48 -----	1-72

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012060

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003170307	A1	11-09-2003	US 6630486 B1	07-10-2003
			US 6391336 B1	21-05-2002
			US 2004208934 A1	21-10-2004
			AU 758803 B2	27-03-2003
			AU 9492598 A	12-04-1999
			CA 2303884 A1	01-04-1999
			EP 1017364 A1	12-07-2000
			JP 2001517613 T	09-10-2001
			WO 9915150 A1	01-04-1999
US 6497901	B1	24-12-2002	NONE	
US 5164186	A	17-11-1992	DE 3834944 A1	26-04-1990
			CH 678272 A5	30-08-1991
EP 0947489	A1	06-10-1999	JP 10158075 A	16-06-1998
			JP 11029374 A	02-02-1999
			US 6777001 B1	17-08-2004
			WO 9823556 A1	04-06-1998
			US 2002006427 A1	17-01-2002
EP 0192068	A1	27-08-1986	US 4636526 A	13-01-1987
			US 4634720 A	06-01-1987
			AU 589393 B2	12-10-1989
			AU 5266186 A	28-08-1986
			CA 1290881 C	15-10-1991
			DE 3671375 D1	28-06-1990
			JP 61193666 A	28-08-1986
			US 4842604 A	27-06-1989
			US 5007930 A	16-04-1991
			US 4698375 A	06-10-1987
			US 4661536 A	28-04-1987
US 2003082232	A1	01-05-2003	US 6541037 B1	01-04-2003
			US 6214368 B1	10-04-2001
			US 5676976 A	14-10-1997
			AU 763487 B2	24-07-2003
			AU 6145699 A	03-04-2000
			CA 2342207 A1	23-03-2000
			EP 1117381 A1	25-07-2001
			JP 2002524491 T	06-08-2002
			NZ 510198 A	19-12-2003
			WO 0015194 A1	23-03-2000
			AU 734691 B2	21-06-2001
			AU 4902597 A	11-05-1998
			CA 2268156 A1	23-04-1998
			EP 0941079 A1	15-09-1999
			JP 2001524937 T	04-12-2001
			WO 9816209 A2	23-04-1998
			US 6544290 B1	08-04-2003
			US 6139578 A	31-10-2000
			US 6277151 B1	21-08-2001
			US 6331312 B1	18-12-2001
			US 6287341 B1	11-09-2001
			US 2002155167 A1	24-10-2002
			US 2002155137 A1	24-10-2002
			US 2002136696 A1	26-09-2002
			US 6117456 A	12-09-2000

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012060

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003082232 A1		US 6132463 A	17-10-2000
		US 6027742 A	22-02-2000
		AU 711326 B2	14-10-1999
		AU 5865996 A	29-11-1996
		BR 9608409 A	17-08-1999
		CA 2220306 A1	21-11-1996
		CN 1184454 A	10-06-1998
		CZ 9703626 A3	13-05-1998
		EA 309 B1	29-04-1999
		EP 0825963 A1	04-03-1998
		FI 974210 A	09-01-1998
		HU 9901130 A2	28-04-2001
		JP 11511722 T	12-10-1999
		NO 975247 A	09-01-1998
		NZ 308816 A	29-09-1999
		PL 323448 A1	30-03-1998
		TR 9701392 T2	21-07-1998
		WO 9636562 A1	21-11-1996
		US 5650176 A	22-07-1997
		US 5683461 A	04-11-1997
EP 0061108 A1	29-09-1982	DE 3110681 A1	30-09-1982
		DE 3134728 A1	10-03-1983
		AT 24392 T	15-01-1987
US 6030636 A	29-02-2000	US 5807567 A	15-09-1998
		US 5614206 A	25-03-1997
		AU 701508 B2	28-01-1999
		AU 5135596 A	23-09-1996
		CA 2214788 A1	12-09-1996
		EP 0813396 A1	29-12-1997
		IL 117363 A	28-09-2000
		JP 11501628 T	09-02-1999
		WO 9627346 A1	12-09-1996